Cross-Section of "L" St - 26th to 32nd

" " 15th St C - Park

230

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400

LEVEL

F.B. 230

230

Table showing the difference of latitude and departure in running 80 chains at any course from 1 to 60 minutes.

Minutes	Lks.	Minutes	Lks.	Minutes	Lks.
1	2⅓	21	49	41	95⅔
2	4⅔	22	51⅓	42	98
3	7	23	53⅔	43	100⅓
4	9⅓	24	56	44	102⅔
5	11⅔	25	58⅓	45	105
6	14	26	60⅔	46	107⅓
7	16⅓	27	63	47	109⅔
8	18⅔	28	65⅓	48	112
9	21	29	67⅔	49	114⅓
10	23⅓	30	70	50	116⅔
11	25⅔	31	72⅓	51	119
12	28	32	74⅔	52	121⅓
13	30⅓	33	77	53	123⅔
14	32⅔	34	79⅓	54	126
15	35	35	81⅔	55	128⅓
16	37⅓	36	84	56	130⅓
17	39⅔	37	86⅓	57	133
18	42	38	88⅔	58	135⅓
19	44⅓	39	91	59	137⅔
20	46⅔	40	93⅓	60	140

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TABLE FOR RUNNING ON SLOPES.

In the following table the first column shows the angle, the second the number of links to be added to a chain on the slopes, to make one chain, horizontal measurement.

Angle	Cor. in Links	Angle	Cor. in Links	Angle	Cor. in Links	Angle	Cor. in Links
°						°	
4	0.24	11	1.88	18	5.14	25	10.54
5	0.38	12	2.24	19	5.76	26	11.26
6	0.55	13	2.63	20	6.42	27	12.24
7	0.76	14	3.06	21	7.11	28	13.37
8	0.98	15	3.53	22	7.85	29	14.34
9	1.24	16	4.02	23	8.64	30	15.47
10	1.55	17	4.56	24	9.47	35	22.07

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Table

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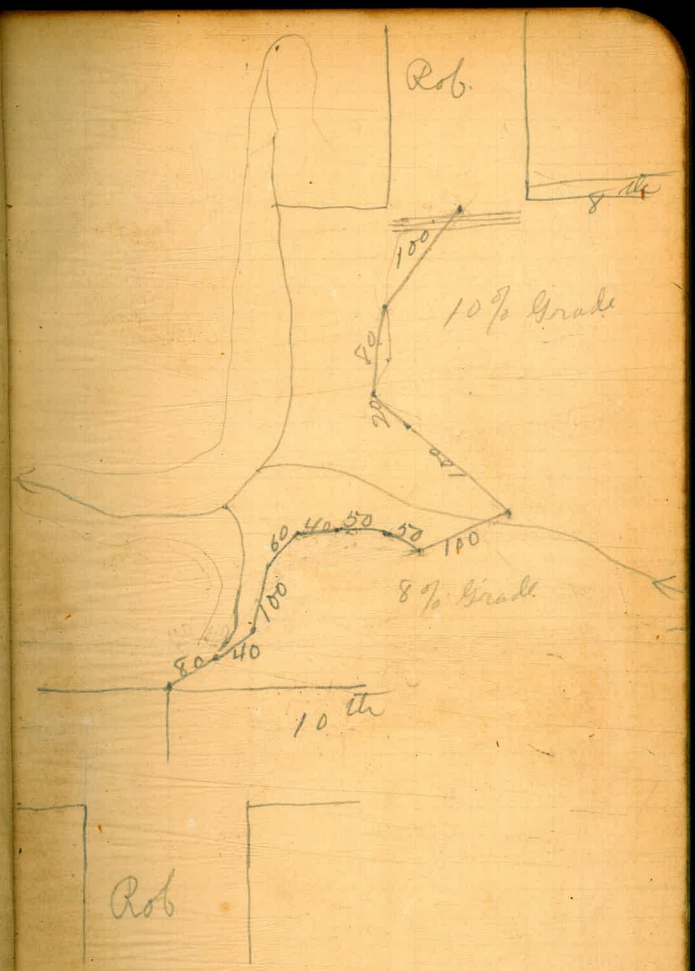


Cross-Section of "L" St - 26TH to 32ND

10/16/05 Davis, Wetmore, Thomas

6.02	77.61		71.59
	E. line 26th		
So line		7.5	70.1
Cb		7.9	69.7
1/4		7.7	69.9
C		7.7	69.9
1/4		7.6	70.0
Cb		{6.8 7.4	70.8 70.2
No line		6.4	71.2
	25' E		
No line		8.2	69.4
Cb		7.8	69.8
1/4		7.8	69.8
C		7.8	69.8
1/4		7.9	69.8
Cb		7.9	69.7
So line		8.4	69.2

B.M. Spk in Elect Pole S.W cor 26th & L.

	50' E		
So line		9.4	68.2
Cb		8.1	69.5
1/4		8.0	69.6
C		8.0	69.6
1/4		7.8	69.8
Cb		7.4	70.2
No line		7.5	70.1
	75' E		
No line		6.9	70.7
Cb		7.4	70.2
1/4		7.5	70.1
C		7.8	69.8
1/4		7.9	69.7
Cb		8.2	69.4
So line		8.8	68.8

100' E of 26th
7761

So line	9.1	68.5
Cb	8.1	69.5
1/4	7.8	69.8
C	7.4	70.2
1/4	7.2	70.4
Cb	6.2	71.4
No line	5.6	72.0

125' E

No line	4.3	73.3
Cb	5.7	71.9
1/4	5.6	72.0
C	6.4	71.2
1/4	6.8	70.8
Cb	6.6	71.0
So line	7.4	70.2

150' E 26th

So line	6.9	70.7
Cb	6.3	71.3
1/4	6.1	71.5
C	5.2	72.4
1/4	5.0	72.6
Cb	5.0	72.6
No line	3.6	74.0

175' E

No line	3.1	74.5
Cb	4.3	73.3
1/4	4.8	72.8
C	4.8	72.8
1/4	5.6	72.0
Cb	5.8	71.8
So line	6.8	70.8

200 E 36th
77.61

No line	6.4	71.2
Cb	5.6	72.0
1/4	4.9	72.7
C	4.3	73.3
1/4	4.4	73.2
Cb	3.1	74.5
No line	2.3	75.3

225 E

No line	1.9	75.7
Cb	3.0	74.6
1/4	4.2	73.4
C	4.2	73.4
1/4	4.7	72.9
Cb	5.6	72.0
No line	6.2	71.4

250 E 26th

No line	6.3	71.3
Cb	5.8	71.8
1/4	4.6	73.0
C	3.9	73.7
1/4	3.8	73.8
Cb	2.5	75.1
No line	1.6	76.0

275 E

No line	1.1	76.5
Cb	1.9	75.7
1/4	3.6	74.0
C	3.7	73.9
1/4	4.4	73.2
Cb	4.7	72.9
No line	5.4	72.2

300 E of 26th
77.61

No line	5.2	72.4
Cl	4.2	73.4
1/4	3.7	73.9
C	3.5	74.1
1/4	3.2	74.4
Cl	1.6	76.0
No line	1.2	76.4

325 E

No line	1.9	75.7
Cl	2.6	75.0
1/4	3.4	74.2
C	4.0	73.6
1/4	4.0	73.6
Cl	4.3	73.3
No line	5.7	71.9

350 E 26th

No line	5.6	72.0
Cl	4.0	73.6
1/4	4.3	73.3
C	4.2	73.4
1/4	3.7	73.9
Cl	2.6	75.0
No line	2.5	75.1

375 E

No line	2.1	75.5
Cl	2.7	74.9
1/4	3.5	74.1
C	3.8	73.8
1/4	4.2	73.4
Cl	4.2	73.4
No line	4.8	72.8

400 E 26th

		77.61			
So line			3.8		73.8
Ct			3.3		74.3
1/4			3.4		74.2
C			3.0		74.6
1/4			2.6		75.0
Ct			1.8		75.8
No line			1.3		76.3

425 E

No line			0.1		77.5
Ct			0.6		77.0
1/4			1.5		76.1
C			1.5		76.1
1/4			2.6		75.0
Ct			2.3		75.3
So line			3.1		74.5
T.P	3.14	80.59	0.16		77.45

450 E 26th

So line			5.6		75.0
Ct			4.9		75.7
1/4			4.8		75.8
C			3.6		77.0
1/4			3.7		76.9
Ct			2.5		78.1
No line			2.2		78.4

475 E

No line			1.3		79.3
Ct			2.3		78.3
1/4			3.5		77.1
C			3.9		76.7
1/4			4.5		76.1
Ct			4.7		75.9
So line			5.2		75.4

500' E 26th
80.09

No line	5.0	75.6
Cb	4.3	76.3
1/4	4.4	76.2
C	3.6	77.0
1/4	3.2	77.4
Cb	2.3	78.3
No line	1.3	79.3

525' E 26th

No line	1.2	79.4
Cb	1.6	79.0
1/4	2.9	77.7
C	3.5	77.1
1/4	4.2	76.4
Cb	4.4	76.2
No line	5.1	75.5

550' E 26th

No line	5.2	75.4
Cb	4.5	76.1
1/4	4.1	76.5
C	3.4	77.2
1/4	3.0	77.6
Cb	1.5	79.1
No line	0.7	79.9

575' E

No line	0.8	79.8
Cb	1.3	79.3
1/4	3.0	77.6
C	3.3	77.3
1/4	3.7	76.9
Cb	4.4	76.2
No line	5.0	75.6

W Line 27th
80.59

Soline	5.5	75.1
Cb	4.6	76.0
1/4	4.0	76.6
C	3.4	77.2
1/4	3.2	77.4
Cb	2.0	78.6
Noline	1.4	79.2
B.M.	2.68	77.91

West [illegible] S.W. Cor 27th

W Cb 27th

Noline	1.4	79.2
Cb	2.1	78.5
1/4	3.1	77.5
C	3.3	77.3
1/4	3.8	76.8
Cb	4.6	76.0
Soline	5.3	75.3

W 1/4 27

Soline	5.4	75.2
Cb	4.9	75.7
1/4	3.8	76.8
C	3.2	77.4
1/4	3.1	77.5
Cb	2.0	78.6
Noline	1.3	79.3

Cw 27th

Noline	1.7	78.9
Cb	1.9	78.7
1/4	3.1	77.5
C	3.4	77.2
1/4	3.8	76.8
Cb	4.8	75.8
Soline	5.4	75.2

E 1/4 27th
80.59

Soline	5.5	75.1
Cb	4.8	75.8
1/4	3.8	76.8
C	3.4	77.2
1/4	3.2	77.4
Cb	2.2	78.4
No line	1.7	78.9

E Curb 27th

No line	1.7	78.9
Cb	2.2	78.4
1/4	3.2	77.4
C	3.5	77.1
1/4	3.9	76.7
Cb	4.8	75.8
Soline	5.5	75.1

E line 27th

Soline	5.2	75.4
Cb	4.7	75.9
1/4	3.8	76.8
C	3.4	77.2
1/4	3.2	77.4
Cb	2.0	78.6
No line	1.3	79.3

25 E 27th

No line	1.8	78.8
Cb	2.6	7.80
1/4	3.5	77.1
C	3.9	76.7
1/4	4.1	76.5
Cb	5.0	75.6
Soline	5.3	75.3

50' E 27th
80.59

So line	5.4	75.2
Cb	5.4	75.2
1/4	4.3	76.3
C	4.1	76.5
1/4	4.1	76.5
Cb	2.9	77.7
No line	2.1	78.5

75' E 27th

No line	2.5	78.1
Cb	3.3	77.3
1/4	4.5	76.1
C	4.6	76.0
1/4	4.6	76.0
Cb	5.1	75.5
So line	5.5	75.1

100' W Line 28th

So line	5.7		74.9
Cb	5.1		75.5
1/4	4.9		75.7
C	4.8		75.8
1/4	4.5		76.1
Cb	3.5		77.1
No line	2.7		77.9
Nov. 16 1905 W. Cb B.M. 7791	5.07	H.I. 82.98	
So. line Schilds Hawkins mansion	8.0		75.0
Cb	7.5		75.5
1/4	7.5		75.5
C	7.2		75.8
1/4	6.8		76.2
Cb	6.0		77.0
N. line	5.7		77.3

W. 1/4

14.I 82.98

N. line	5.6	77.4
Cl	6.0	77.0
1/4	6.6	76.4
C	7.1	75.9
1/4	7.6	75.4
Cl	7.7	75.3
So. line	8.3	74.7

Center

So. line	8.2	74.8
Cl	8.1	74.9
1/4	7.6	75.4
C	7.3	75.7
1/4	7.0	76.0
Cl	6.2	76.8
N. line	5.8	77.2

E 1/4

N. line	6.4	76.6
Cl	6.7	76.3
1/4	7.2	75.8
C	7.7	75.3
1/4	7.8	75.2
Cl	7.8	75.2
So. line	8.1	74.9

E. Cl.

So. line	8.0	75.0
Cl	7.7	75.3
1/4	7.8	75.2
C	7.6	75.4
1/4	7.5	75.5
Cl	6.7	76.3
N. line	5.9	77.1

E. line 28th

N. line	5.6	77.4
cl	7.0	76.0
1/4	7.5	75.5
C	7.6	75.4
1/4	7.5	75.5
cl	8.0	75.0
S. line	8.5	74.5

25' E.

S. line	9.1	73.9
cl	8.6	74.4
1/4	8.3	74.7
C	7.8	75.2
1/4	7.6	75.4
cl	6.8	76.2
N. line	6.0	77.0

50' E

N. line	6.6	76.4
cl	7.7	75.3
1/4	8.1	74.9
C	8.0	75.0
1/4	8.4	74.6
cl	9.3	73.7
S. line	9.6	73.4

75' E

S. line	9.8	73.2
cl	9.6	73.4
1/4	9.3	73.7
C	8.9	74.1
1/4	8.8	74.2
cl	8.5	74.5
N. line	7.1	75.9

100' E

N line	7.9	75.1
cb	8.7	74.3
1/4	8.8	74.2
C	8.8	74.2
1/4	8.9	74.1
cb	9.0	74.0
S line	9.0	74.0

125' E

S line	7.5	75.5
cb	7.6	75.4
1/4	8.0	75.0
C	7.5	75.5
1/4	7.9	75.1
cb	8.1	74.9
N line	8.5	74.5

150' E

N line	6.8	76.2
cb	6.6	76.4
1/4	6.9	76.1
C	6.9	76.1
1/4	6.7	76.3
cb	6.6	76.4
S line	6.8	76.2

175' E

S line	6.1	76.9
cb	5.7	77.3
1/4	5.6	77.4
C	5.6	77.4
1/4	5.5	77.5
cb	5.2	77.8
N line	5.0	78.0

West line 29th

N. line	4.6	78.4
cb	4.7	78.3
1/4	4.9	78.1
C	5.0	78.0
1/4	5.2	77.8
cb	5.5	77.5
S line	5.8	77.2
	~~29~~ W. cb	
S line	5.7	77.3
cb	5.3	77.7
1/4	5.1	77.9
C	4.9	78.1
1/4	4.7	78.3
cb	4.5	78.5
N. line	4.5	78.5

W 1/4

N line	4.5	78.5
cb	4.4	78.6
1/4	4.6	78.4
C	4.8	78.2
1/4	4.9	78.1
cb	5.3	77.7
S line	5.6	77.4
	center ~~5~~	
S line	5.5	77.5
cb	5.3	77.7
1/4	4.9	78.1
C	4.9	78.1
1/4	4.7	78.5
cb	4.3	78.7
N line	4.5	78.5

E 1/4

N. line	4.6	78.4	
cb	4.5	78.5	
1/4	4.8	78.2	
C	5.0	78.0	
1/4	5.3	77.7	
cb	5.6	77.4	
S. line	5.9	77.1	

E cb

S. line	7.1	75.9	
cb	6.1	76.9	
1/4	5.4	77.6	
C	5.2	77.8	
1/4	5.0	78.0	
cb	4.8	78.2	
N. line	5.0	78.0	

East line 29th

N. line	5.0	78.0	
cb	5.4	77.6	
1/4	5.7	77.3	
C	6.0	77.0	
1/4	6.5	76.5	
cb	7.2	75.8	
S. line	8.9	74.1	

5' E

S. line	10.9	72.1	
cb	9.9	73.1	
1/4	7.1	75.9	
C	6.4	76.6	
1/4	6.1	76.9	
cb	5.6	77.4	
N. line	5.0	78.0	

25' E

N.line	5.4	77.6
cb	6.7	76.3
1/4	7.1	75.9
c	9.5	73.5
1/4	9.9	73.1
cb	7.8	75.2
S.line	7.9	75.1

50' E

S.line	7.5	75.5
cb	7.3	75.7
1/4	7.4	75.6
c	8.6	74.4
1/4	8.8	74.2
cb	8.2	74.8
N.line	6.8	76.2

75' E

N.line	8.4	74.6
cb	7.6	75.4
1/4	7.6	75.4
c	7.2	75.8
1/4	7.0	76.0
cb	7.4	75.6
S.line	7.9	75.1

100' E

S.line	7.6	75.4
cb	7.3	75.7
1/4	7.3	75.7
c	7.0	76.0
1/4	7.1	75.9
cb	7.1	75.9
N.line	6.9	76.1

125' E

nline	6.7	76.3
Cb	6.3	76.7
1/4	6.6	76.4
C	6.3	76.7
1/4	6.6	76.4
Cb	6.7	76.3
Sline	6.9	76.1

150' E

Sline	5.8	77.2
Cb	5.7	77.3
1/4	5.4	77.6
C	5.3	77.7
1/4	5.6	77.4
Cb	5.2	77.8
nline	5.3	77.7

175' E

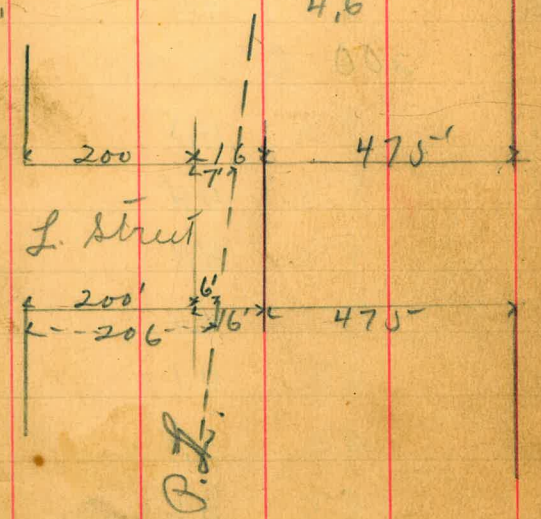
nline	4.3	78.7
Cb	4.4	78.6
1/4	4.8	78.2
C	4.5	78.5
1/4	4.8	78.2
Cb	4.9	78.1
Sline	4.6	78.4

200' E

Sline	4.5	78.5
Cb	4.4	78.6
1/4	4.4	78.6
C	4.0	79.0
1/4	4.1	78.9
Cb	3.8	79.2
nline	3.6	79.4

216' E 29th ST. = 475' W. Reed's 29th

N line	3.3	79.7
cb	3.6	79.4
1/4	3.8	79.2
C	3.8	79.2
1/4	4.2	78.8
cb	4.4	78.6
S line	4.6	78.4



450
216
666

450' W Reed's 29th

N line	2.8	80.2
cb	3.1	79.9
1/4	3.5	79.5
C	3.5	79.5
1/4	3.7	79.3
cb	3.7	79.3
S line	4.1	78.9

425' W

S line	4.0	79.0
cb	3.8	79.2
1/4	3.6	79.4
C	3.4	79.6
1/4	3.3	79.7
cb	2.9	81.1
N line	2.9	81.1

	4.00' W			
Mline		2.6		80.4
Cb		2.7		80.3
1/4		3.1		79.9
C		3.2		79.8
1/4		3.3		79.7
Cb		3.6		79.4
Sdline		3.9		79.1
	375' W			
Sdline		3.8		79.2
Cb		3.8		79.2
1/4		3.3		79.7
C		3.3		79.7
1/4		3.3		79.7
Cb		2.9		80.1
Mline		2.6		80.4
	82.98	2.40	80.58	
	85.89			5.31

H.I. 85.89

	350' W			
Mline		5.6		80.3
Cb		5.8		80.1
1/4		6.0		79.9
C		5.7		80.2
1/4		5.8		80.1
Cb		6.5		79.4
Sdline		6.8		79.1
	325' W			
Sdline		6.7		79.2
Cb		6.7		79.2
1/4		6.2		79.7
C		5.7		80.2
1/4		5.9		80.0
Cb		5.5		80.4
Mline		5.1		80.8

		300'	W				250'	W			
White			5.5		80.4	White			5.1		80.8
Cb			5.7		80.2	Cb			5.6		80.3
1/4			6.2		79.7	1/4			6.1		79.8
C			6.3		79.6	C			6.2		79.7
1/4			6.6		79.3	1/4			6.5		79.4
Cb			6.5		79.4	Cb			6.8		79.1
Solid			6.2		79.7	Solid			6.9		79.0
		275'	W				225'	W			
Solid			6.8		79.1	Solid			6.9		79.0
Cb			6.8		79.1	Cb			6.7		79.2
1/4			6.4		79.5	1/4			6.1		79.8
C			6.0		79.9	C			5.3		80.6
1/4			6.1		79.8	1/4			5.6		80.3
Cb			5.6		80.2	Cb			5.7		80.2
White			5.4		80.5	White			5.4		80.5

		200' W					150' W				
Nline			5.4		80.5	Nline			5.1		80.8
Cb			5.4		80.5	Cb			5.6		80.3
1/4			5.8		80.1	1/4			5.8		80.1
C			6.0		79.9	C			5.7		80.2
1/4			6.4		79.5	1/4			5.8		80.1
Cb			6.5		79.4	Cb			6.2		79.7
Soline			6.3		79.6	Soline			6.5		79.4
		175 W					125' W				
Soline			6.2		79.7	Soline			6.2		79.7
Cb			6.4		79.5	Cb			6.2		79.7
1/4			6.1		79.8	1/4			6.2		79.7
C			5.8		80.1	C			6.0		79.9
1/4			5.8		80.1	1/4			5.8		80.1
Cb			5.4		80.5	Cb			5.5		80.4
Nline			5.0		80.9	Nline			5.3		80.6

100' W

mline	5.4	80.5
cb	5.4	80.5
1/4	5.8	80.1
c	6.1	79.8
1/4	6.3	79.6
cb	6.4	79.5
solid	6.5	79.4

75' W

solid	6.8	79.1
cb	6.5	79.4
1/4	6.7	79.2
c	6.6	79.3
1/4	6.2	79.7
cb	5.9	80.0
mline	5.8	80.1

50' W

mline	6.5	79.4
cb	6.5	79.4
1/4	6.8	79.1
c	6.8	79.1
1/4	6.9	79.0
cb	7.0	78.9
solid	7.1	78.8

25 W

solid	7.6	78.3
cb	7.4	78.5
1/4	7.2	78.7
c	7.1	78.8
1/4	7.2	78.7
cb	7.0	78.9
mline	6.7	79.2

25' W

n line				
cb				
Soline				

West line Reed's 29th

Soline		7.9		78.0
cb		7.7		78.2
1/4		7.6		78.3
C		7.4		78.5
1/4		7.5		78.4
cb		7.3		78.6
N line		6.9		79.0
T.P. S.W. Blk Cor. 29th			7.8.7	78.02

Nov. 17 1905

Childs minus Hawkins

BM 74.27	7.05	H.I. 81.32		
	W. cb.			
So line		3.5		77.8
cb		3.2		78.1
1/4		3.2		78.1
C		3.0		78.3
1/4		3.3		78.0
cb		3.1		78.2
N. line		2.9		78.4
	W 1/4			
N. line		3.1		78.2
cb		3.1		78.2
1/4		3.4		77.9
C		3.3		78.0
1/4		3.5		77.8
cb		3.5		77.8
So. line		3.6		77.7

Center Reed's 29th

So. line	3.9	77.4
cb	3.8	77.5
1/4	3.7	77.6
c	3.6	77.7
1/4	3.4	77.9
cb	3.7	77.6
N. line	3.3	78.0

E. 1/4

N line	3.7	77.6
cb	3.6	77.7
1/4	3.9	77.4
c	3.8	77.5
1/4	3.8	77.5
cb	4.0	77.3
So line	4.1	77.2

E. cb.

So line	4.3	77.0
cb.	4.2	77.1
1/4	4.1	77.2
c	3.6	77.7
1/4	3.9	77.4
cb	3.5	77.8
N line	3.7	77.6

East line Reed's 29th

N line	3.9	77.4
cb	3.8	77.5
1/4	4.1	77.2
c	3.6	77.7
1/4	4.1	77.2
cb	4.4	76.9
So line	4.4	76.9

25' E

So line	4.7	76.6
cb	4.6	76.7
1/4	4.4	76.9
c	4.4	76.9
1/4	4.6	76.7
cb	4.4	76.9
N line	4.0	77.3

50' E

N line	5.0	76.3
cb	5.1	76.2
1/4	5.0	76.3
c	5.1	76.2
1/4	5.1	76.2
cb	5.1	76.2
So line	5.2	76.1

75' E

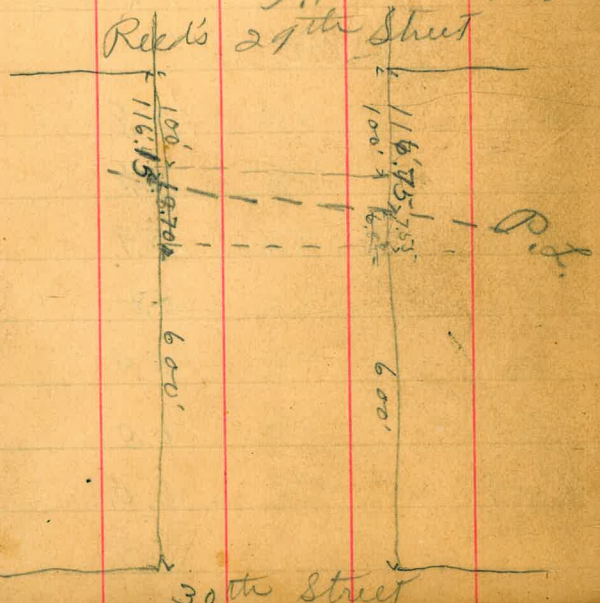
So line	5.4	75.9
cb	5.4	75.9
1/4	5.3	76.0
c	5.3	76.0
1/4	5.5	75.8
cb	5.4	75.9
N line	5.2	76.1

100' E

N line	5.8	75.5
cb	5.8	75.5
1/4	5.9	75.4
c	5.8	75.5
1/4	5.9	75.4
cb	6.0	75.3
So line	6.0	75.3

116.45 E Reed's 29th

So line	6.3	75.0
cb	6.4	74.9
1/4	5.9	75.4
c	6.0	75.3
1/4	6.2	75.1
cb	5.7	75.6
N line	5.7	75.6



600' West 30th

N line	~~4.9~~ 5.9	75.4
cb	6.0	75.3
1/4	6.4	74.9
c	6.1	75.2
1/4	6.6	74.7
cb	6.2	75.1
So line	6.7	74.6

575' W

So line	7.0	74.3
cb	7.0	74.3
1/4	6.7	74.6
c	6.6	74.7
1/4	6.8	74.5
cb	6.7	74.6
N line	6.5	74.8

H.I = 81,3

	550' W				
Nline		6.6		74.7	
cb		7.1		74.2	
1/4		7.4		73.9	
c		7.2		74.1	
1/4		7.2		74.1	
cb		7.2		74.1	
Soline		7.3		74.0	
	525' W				
Soline		7.8		73.5	
cb		7.6		73,7	
1/4		7.5		73,8	
c		7.4		73,9	
1/4		7,7		73.6	
cb		7.4		73.9	
Nline		7.3		74,0	

	500' W.				
Nline		7.6		73.7	
cb		7,8		73,5	
1/4		7.9		73.4	
c		8.0		73,3	
1/4		8.0		73.3	
cb		7.7		73.6	
Soline		7.9		73,4	
	475' W				
Soline		8.6		72.7	
cb		8.4		72.9	
1/4		8.2		73.1	
c		8.3		73.0	
1/4		8.4		72.9	
cb		8.0		73.3	
Nline		8.0		73.3	

		450' W			
N line			8.2		73.1
cb			7.7		73.6
1/4			8.7		72.6
C			8.8		72.5
1/4			8.6		72.7
cb			8.7		72.6
S line			8.8		72.5
		425' W			
S line			9.1		72.2
cb			9.3		72.0
1/4			9.1		72.2
C			9.1		72.2
1/4			8.9		72.4
cb			8.4		72.9
N line			8.5		72.8

		400' W			
N line			8.7		72.6
cb			9.0		72.3
1/4			9.4		71.9
C			9.3		72.0
1/4			9.3		72.0
cb			9.5		71.8
S line			9.5		71.8
		375' W			
S line			9.8		71.5
cb			9.8		71.5
1/4			9.6		71.7
C			9.6		71.7
1/4			9.6		71.7
cb			9.6		71.7
N line			9.5		71.8

350' W		
N line	9.8	71.5
Cb	9.6	71.7
1/4	9.9	71.4
C	9.8	71.5
1/4	10.0	71.3
Cb	9.9	71.4
S line	9.7	71.6
325' W		
S line	10.1	71.2
Cb	10.3	71.0
1/4	10.2	71.1
C	10.1	71.2
1/4	10.3	71.0
Cb	10.2	71.1
N line	10.1	71.2

300' W.		
N line	10.1	71.2
Cb	10.5	70.8
1/4	10.7	70.6
C	10.4	70.9
1/4	10.4	70.9
Cb	10.4	70.9
S line	9.9	71.4
275' W		
S line	9.7	71.6
Cb	10.7	70.6
1/4	10.5	70.8
C	10.2	71.1
1/4	10.7	70.6
Cb	10.5	70.8
N line	10.4	70.9

	250' W		
nline		10.3	71.0
cb		10.5	70.8
1/4		10.8	70.5
c		10.8	70.5
1/4		10.6	70.7
cb		10.5	70.8
Soline		10.1	71.2
	225' W		
Soline		10.3	71.0
cb		10.3	71.0
1/4		10.2	71.1
c		10.6	70.7
1/4		10.5	70.8
cb		10.2	71.1
nline		9.9	71.5

	200' W		
nline		9.3	72.0
cb		10.0	71.3
1/4		10.1	71.2
c		9.8	71.5
1/4		10.1	71.2
cb		10.0	71.3
Soline		10.2	71.1
	175' W		
Soline		9.0	72.3
cb		9.6	71.7
1/4		9.7	71.6
c		10.1	71.2
1/4		10.1	71.2
cb		9.8	71.5
nline		9.2	72.1

H.I. 77.70

	100' W	
nline	5.2	72.5
cb	5.1	72.6
1/4	5.2	72.5
c	5.1	72.6
1/4	5.5	72.2
cb	5.6	72.1
Soline	5.7	72.0
	75' W	
Soline	5.5	72.2
cb	5.3	72.4
1/4	4.9	72.8
c	5.0	72.7
1/4	4.8	72.9
cb	4.9	72.8
nline	4.7	73.0

	150' W	
nline	8.8	72.5
cb	8.9	72.4
1/4	9.2	72.1
c	9.1	72.2
1/4	9.5	71.8
cb	9.5	71.8
Soline	9.2	72.1
	125' W	
Soline	9.3	72.0
cb	9.2	72.1
1/4	9.1	72.2
c	8.9	72.4
1/4	8.9	72.4
cb	8.7	72.6
nline	8.8	72.5

50' W

Nline	4.9	72.8
cb	4.4	73.3
1/4	4.8	72.9
C	5.1	72.6
1/4	4.9	72.8
cb	5.3	72.4
Soline	5.2	72.5

25' W

Soline	5.0	72.7
cb	5.0	72.7
1/4	5.2	72.5
C	4.9	72.8
1/4	4.8	72.9
cb	4.6	73.1
Nline	4.5	73.2

West line 30th Street

Nline	4.8	72.9
cb	4.8	72.9
1/4	5.0	72.7
C	4.9	72.8
1/4	4.7	73.0
cb	5.1	72.6
Soline	5.2	72.5

W. cb

Soline	5.0	72.7
cb	5.1	72.6
1/4	4.6	73.1
C	4.8	72.9
1/4	4.9	72.8
cb	4.9	72.8
Nline	4.8	72.9

		W 1/4			
	nline		4.7		73.0
	ob		4.8		72.9
	1/4		4.8		72.9
	c		4.7		73.0
	1/4		4.7		73.0
	ob		4.9		72.8
	Soline		4.9		72.8
		Center			
	Soline		4.8		72.9
	ob		4.9		72.8
	1/4		4.8		72.9
	c		4.9		72.8
	1/4		4.9		72.8
	ob		4.7		73.0
	nline		4.7		73.0

		E 1/4			
	nline		4.6		73.1
	ob		4.5		73.2
	1/4		4.6		73.1
	c		4.7		73.0
	1/4		4.9		72.8
	ob		4.6		73.1
	Soline		4.7		73.0
		E. ob.			
	Soline		4.9		72.8
	ob		4.8		72.9
	1/4		4.8		72.9
	c		4.7		73.0
	1/4		4.7		73.0
	ob		4.6		73.1
	nline		4.6		73.1

East line 30th

n line	4.6	73.1
cb	4.4	73.3
1/4	4.6	73.1
c	4.6	73.1
1/4	4.4	73.3
cb	4.6	73.1
s line	5.0	72.7

25' E

s line	4.7	73.0
cb	4.3	73.4
1/4	4.1	73.6
c	4.2	73.5
1/4	4.4	73.3
cb	4.5	73.2
n line	4.5	73.2

50' E

n line	4.3	73.4
cb	4.3	73.4
1/4	4.2	73.5
c	4.3	73.4
1/4	4.1	73.6
cb	4.5	73.2
s line	4.5	73.2

75' E

s line	4.5	73.2
cb	4.3	73.4
1/4	4.1	73.6
c	4.0	73.7
1/4	4.1	73.6
cb	4.0	73.7
n line	3.9	73.8

100' E

n line	3.7	74.0
cb	3.7	74.0
1/4	4.0	73.7
c	4.1	73.6
1/4	4.1	73.6
cb	4.0	73.7
s line	3.9	73.8

125' E

s line	4.2	73.5
cb	4.2	73.5
1/4	3.9	73.8
c	4.0	73.7
1/4	3.9	73.8
cb	3.9	73.8
n line	3.7	74.0

150' E

n line	3.5	74.2
cb	3.6	74.1
1/4	3.8	73.9
c	3.9	73.8
1/4	3.9	73.8
cb	4.1	73.6
s line	4.3	73.4

175' E

s line	2.9	74.8
cb	3.4	74.3
1/4	3.8	73.9
c	3.8	73.9
1/4	3.9	73.8
cb	3.7	74.0
n line	3.3	74.4

200' E

n line	3.3	74.4
cb	3.7	74.0
1/4	3.7	74.0
c	3.7	74.0
1/4	3.1	74.6
cb	3.2	74.5
s line	2.9	74.8

225' E

s line	2.8	74.9
cb	2.9	74.8
1/4	2.4	75.3
c	3.1	74.6
1/4	3.5	74.2
cb	3.4	74.3
n line	3.3	74.4

250' E

n line	2.8	74.9
cb	2.9	74.8
1/4	2.9	74.8
c	2.4	75.3
1/4	2.1	75.6
cb	2.1	75.6
s line	2.3	75.4

275' E

s line	2.1	75.6
cb	2.1	75.6
1/4	1.8	75.9
c	2.2	75.5
1/4	2.6	75.1
cb	2.9	74.8
n. line	2.7	75.0

300' E

n line	2.5	75.2
cb	2.5	75.2
1/4	2.4	75.3
c	2.1	75.6
1/4	1.8	75.9
cb	1.9	75.8
s line	1.5	76.2

325' E

s line	2.5	75.2
cb	2.4	75.3
1/4	2.2	75.5
c	1.9	75.8
1/4	2.4	75.3
cb	2.3	75.4
n line	2.2	75.5

350' E

n line	1.9	75.8
cb	2.0	75.7
1/4	2.2	75.5
c	2.4	75.3
1/4	2.4	75.3
cb	2.4	75.3
s line	2.6	75.1

375' E

s line	2.4	75.3
cb	2.3	75.4
1/4	1.9	75.8
c	2.1	75.6
1/4	1.9	75.8
cb	1.7	76.0
n line	1.7	76.0

400' E

n line	1.4	76.3
cb	1.7	76.0
1/4	1.7	76.0
c	1.6	76.1
1/4	1.7	76.0
cb	1.6	76.1
s line	1.5	76.2

425' E

s line	1.8	75.9
cb	1.8	75.9
1/4	1.8	75.9
c	1.9	75.8
1/4	1.8	75.9
cb	1.5	76.2
n line	0.6	77.1

450' E

n line	1.8	75.9
cb	2.0	75.7
1/4	1.9	75.8
c	1.9	75.8
1/4	1.9	75.8
cb	2.0	75.7
s line	2.2	75.5

475' E

s line	2.0	75.7
cb	2.0	75.7
1/4	1.8	75.9
c	1.8	75.9
1/4	1.9	75.8
cb	1.6	76.1
n line	1.7	76.0

500' E

nline	1,5	76.2
cb	1,5	76.2
1/4	1.7	76.0
c	1,7	76,0
1/4	1.8	75,9
cb	2,0	75.7
Soline	2,0	75.7

525' E

Soline	0,3	77,4
cb	0,0	77,7
1/4	0.1	77.6
c	0,7	77.0
1/4	1.1	76,6
cb	1,4	76.3
nline	1.1	76.6

550' E

nline	5.4	76.8
cl	5.8	76,4
1/4	5.9	76.3
c	5,0	77.2
1/4	4,0	78,2
cl	4.0	78.0
Soline	4,7	77.5

575' E

Soline	5.8	76.4
cb	5,6	76.6
1/4	5,5	76,7
c	5,8	76.4
1/4	5,8	76,4
cb	5,8	76,4
nline	5,6	76.6

West line 31st

N line	5.5	76.7
cb	5.4	76.8
1/4	5.5	76.7
C	5.5	76.7
1/4	5.6	76.6
cb	5.7	76.5
So line	5.9	76.3

W. cb.

So line	5.6	76.6
cb	5.6	76.6
1/4	5.5	76.7
C	5.4	76.8
1/4	5.2	77.0
cb	5.2	77.0
N line	5.2	77.0

W 1/4

N line	4.8	77.4
cb	5.0	77.2
1/4	5.4	76.8
C	5.4	76.8
1/4	5.4	76.8
cb	5.5	76.7
So line	5.6	76.6

Center

So line	5.6	76.6
cb	5.3	76.9
1/4	5.4	76.8
C	5.4	76.8
1/4	5.2	77.0
cb	4.7	77.5
N line	4.5	77.7

E 1/4.

Nline			4.5		77.7
cb			4.8		77.4
1/4			5.2		77.0
c			5.4		76.8
1/4			5.3		76.9
cb			5.3		76.9
Soline			5.4		76.8

E. cb.

Soline			5.1		77.1
cb			5.3		76.9
1/4			5.2		77.0
c			5.4		76.8
1/4			5.1		77.1
cb			4.7		77.5
Nline			4.1		78.1

East line 31st

Nhill			4.2		78.0
cb			4.4		77.8
1/4			5.1		77.1
c			5.3		76.9
1/4			5.3		76.9
cb			5.1		77.1
Soline			5.0		77.2
F.P.	82.18	4.03		78.15	So. nozzle.
	~~25~~		~~4.84~~		
	82.99		4.84		

Childs L St. Nov 23 1905
Munson
Hawkins

H.I. 82.99

25' E. 31 T

S. line	5.4	77.6
	5.8	77.2
	5.6	77.4
C	5.9	77.1
	5.7	77.3
	5.1	77.9
N line	4.7	78.3

50' E

N line	4.6	78.4
	5.0	78.0
	5.3	77.7
C	5.5	77.5
	5.7	77.3
	5.7	77.3
S. line	5.5	77.5

75' E

So line	5.5	77.5
	5.6	77.4
	5.5	77.5
C	5.0	78.0
	5.0	78.0
	4.9	78.1
N line	4.4	78.6

100' E

N line	4.3	78.7
	4.7	78.3
	4.9	78.1
C	4.9	78.1
	5.3	77.7
	5.6	77.4
So line	5.3	77.7

125' E

Solins	5.2	77.8
	5.6	77.4
	5.2	77.8
C	5.1	77.9
	4.9	78.1
	4.6	78.4
Nline	4.2	78.8

150' E

Nline	4.0	79.0
	4.5	78.5
	4.8	78.2
C	4.9	78.1
	4.9	78.1
	5.1	77.9
Solins	5.2	77.8

175' E

Solins	5.4	77.6
	5.2	77.8
	4.9	78.1
C	4.8	78.2
	4.7	78.3
	4.6	78.4
Nline	3.8	79.2

200' E

Nline	3.3	79.7
	4.2	78.8
	4.6	78.4
C	4.7	78.3
	4.8	78.2
	5.1	77.9
Solins	5.4	77.6

225' E

solid	5.3	77.7
	5.3	77.7
	4.9	78.1
C	4.8	78.2
	4.5	78.5
	4.1	78.9
white	2.9	80.1

250' E

white	3.1	79.9
	4.0	79.0
	4.2	78.8
C	4.5	78.5
	5.0	78.0
	5.4	77.6
solid	5.3	77.7

275' E

solid	5.4	77.6
	5.3	77.7
	5.3	77.7
C	5.0	78.0
	4.8	78.2
	4.3	78.7
white	3.3	79.7

300' E

white	4.0	79.0
	4.4	78.6
	4.9	78.1
C	5.3	77.7
	5.4	77.6
	5.7	77.3
solid	5.8	77.2

82.99 5.29 77.70
82.66 4.96

H.I. 82.66

325' E

Solid	5.4	77.3
	5.2	77.5
	5.1	77.6
C	5.2	77.5
	4.7	78.0
	4.5	78.2
Liquid	4.1	78.6

350' E

Liquid	4.6	78.1
	5.1	77.6
	5.2	77.5
C	5.4	77.3
	5.3	77.4
	5.2	77.5
Solid	5.3	77.4

375' E

Solid	5.3	77.4
	5.2	77.5
	5.4	77.3
C	5.3	77.4
	5.4	77.3
	4.8	77.9
Liquid	4.2	78.5

400' E

Liquid	5.1	77.6
	5.5	76.2
	5.1	77.6
C	4.3	78.4
	4.8	77.9
	5.9	76.8
Solid	6.0	76.7

	425' E		
Solne		5.8	76.9
		5.8	76,9
		5,7	77,0
C		5.6	77.1
		5.6	77,1
		5,7	77,0
Nline		4.9	77.8
	450' E		
Nline		5.1	77.6
		5,5	77,2
		5.6	77 1
C		4,8	77.9
1/4		4.3	78,4
~~Solne~~ Cli		5,0	77,7
Solne		5.7	77.0

	475' E		
Solne		5.8	76.9
		5.6	77,1
		5.1	77,6
C		4.9	77.8
		5.0	77,7
		5.2	77,5
Nline		4.6	78.1
	500' E		
Nline		5.5	77.2
		4.8	77,9
		4.6	78,1
C		5.1	77.6
		5.4	77,3
		5.6	77,1
Solne		5.9	76.8

525' E

So line	6.1	76.6
	5.8	76.9
	5.6	77.1
C	5.0	77.7
	4.6	78.1
	4.9	77.8
N line	5.0	77.7

550' E

N line	4.3	78.4
ob	5.2	77.5
1/4	5.5	77.2
C	5.6	77.1
~~So 1/4~~	5.6	77.1
ob	5.9	76.8
So line	5.8	76.9

575' E

So line	5.7	77.0
	5.5	77.2
	5.5	77.2
C	5.3	77.4
	5.2	77.5
	5.1	77.6
N. line	4.9	77.8

West line 32nd

N line	5.1	77.6
	5.1	77.6
	5.2	77.5
C	5.5	77.2
	5.3	77.4
	5.5	77.2
So line	5.8	76.9

W Ch

Nline	5.1	77.6
	5.2	77.5
	5.2	77.5
C	5.2	77.5
	5.3	77.4
	5.2	77.5
Soline	5.2	77.5

W 1/4

Soline	4.4	78.3
	4.7	78.0
	5.3	77.4
C	5.2	77.5
	4.8	77.9
	4.8	77.9
Nline	4.4	77.3

Center

Nline	4.7	78.0
	4.8	77.9
	4.9	77.8
C	5.0	77.7
	5.1	77.6
	5.6	77.1
Soline	5.3	77.4

E 1/4

Soline	4.5	78.2
	4.9	77.8
	4.9	77.8
C	4.5	78.2
	4.5	78.2
	4.7	78.0
Nline	4.6	78.1

E. cb.

Nline	4.3	78.4
	4.4	78.3
	3.9	78.8
C	4.3	78.4
	4.7	78.0
	4.2	78.5
Sline	4.2	78.5

East line 32'

Sline	4.5	78.2
	4.5	78.2
	4.7	78.0
C	4.2	78.5
	4.0	78.7
	4.4	78.3
Nline	4.5	78.2

25' E

Nline	4.1	78.6
	4.5	78.2
	4.6	78.1
C	4.5	78.2
	4.4	78.3
	4.1	78.6
Sline	4.2	78.5

50' E

Sline	3.9	78.8
cb	4.1	78.6
	3.9	78.8
C	3.3	79.4
	3.3	79.4
	3.7	79.0
Nline	3.8	78.9

75' E

Nline	3.7	79.0
	3.5	79.2
	3.5	79.2
C	3.4	79.3
	3.8	78.9
	4.0	78.7
Sline	3.9	78.8

100' E.

Sline	3.6	79.1
	4.1	78.6
	4.1	78.6
C	4.2	78.5
	4.3	78.4
	4.2	78.5
Nline	4.0	78.7

125' E

Nline	4.1	78.6
	4.2	78.5
	4.1	78.6
C	4.1	78.6
	3.4	79.3
	3.7	79.0
Sline	3.6	79.1

150' E

Sline	3.9	78.8
	3.7	79.0
	3.9	78.8
C	4.1	78.6
	4.3	78.4
	4.3	78.4
Nline	4.2	78.5

		175' E			
Nhie			4.0		78.7
			4.0		78.7
			4.1		78.6
C			4.3		78.4
			4.3		78.4
			4.3		78.4
Solie			4.1		78.6
		200' E			
Solie			4.2		78.5
			4.3		78.4
			3.6		79.1
C			3.2		79.5
			4.1		78.6
			4.0		78.7
Nhie			3.8		78.9

		H.I. 82.66			
		225' E			
Nhie			4.1		78.6
			4.3		78.4
			3.7		79.0
C			2.6		80.1
			2.9		79.8
			5.2		77.5
Solie			7.0		75.7
		250' E			
Solie	H.I.	77.50	11.9		65.6
	H.I.	82.66	9.9		72.8
			5.5		77.2
C			5.3		77.4
			5.5		77.2
			6.0		76.7
Nhie			5.9		76.8
	82.66		12.44	70.22	
	77.50	7.28			

	H.I.	77.60			
		275' E			
N line			11.7		65.9
			11.1		66.5
			11.0		66.6
C			8.9		68.8
			8.7		68.9
			11.7		65.9
S line			18.8		58.8
		300' E			
S line	H.I.	67.51	13.7		53.8
			13.7		53.8
			14.0		53.5
C			14.3		53.2
			14.4		53.1
			14.6		52.9
N line			12.9		54.6
	77.50		12.43	65.07	
	67.51	2.44			

	H.I.	67.51			
		306' E			
S line			12.4		55.1
			12.7		54.8
			13.0		54.5
C			13.3		54.2
			14.0		53.5
			14.4		53.1
N line			14.8		52.7
		313' E			
N line			13.3		54.2
			13.2		54.3
			12.9		54.6
C			12.7		54.8
			12.5		55.0
			12.3		55.2
S line			12.5		55.0
	67.51		12.37	55.14	
	60.69	5.55			

H.I. 60.69

325' E West line 33"

So line	11.8	48.9
	11.5	49.2
	11.4	49.3
C	11.4	49.3
	10.8	49.9
	10.8	49.9
N line	10.7	50.0

Jan 5. 1906 { Childs, Brooks, Hawkins

Cross Section 15th Street

"C" to Park

North line C

E line	H.I	93.72	12.4	81.3
			13.8	79.9
			14.2	79.5
1/4			13.1	80.6
1/4 + 6'			8.7	85.0
1/4 + 7'			8.6	85.1
C			8.2	85.5
			7.3	86.4
W line			6.9	86.8

25' North

W line			4.5	89.2
			5.7	88.0
			6.2	87.5
C			6.7	87.0
C + 7			6.7	87.0
			10.3	83.4
			9.2	84.5
E line			9.9	83.8

		50' N.		
E. line			8.0	85.7
			7.6	86.1
			7.3	86.4
C			5.3	88.4
			4.6	89.1
	H.I.	103.62	13.6	90.0
W. line			12.3	91.3
		75' N.		
W. line			9.0	94.6
			11.0	92.6
			12.9	90.7
C			13.8	89.8
	H.I.	93.72	4.7	89.0
			6.3	87.4
E. line			6.7	87.0

		100' N		
E. line			5.6	88.1
			5.4	88.3
			3.2	90.5
C	H.I.	103.62	12.1	91.5
			10.7	92.9
			8.9	94.7
W. line			7.2	96.4
		125' N		
W. line			5.3	98.3
			7.1	96.5
			8.9	94.7
C			10.2	93.4
			11.7	91.9
			13.2	90.4
E. line			13.8	89.8

150' N

E. line	12.1	91.5
	11.0	92.6
	9.4	94.2
C	7.8	95.8
	7.1	96.5
	5.9	97.7
W. line	4.2	99.4

175' N

W. line	3.8	99.8
	5.0	98.6
	6.1	97.5
C	6.5	97.1
	8.6	95.0
	10.8	92.8
E. line	11.9	91.7

200' N

E. line	11.8	91.8
	10.2	93.4
	8.5	95.1
C	7.2	96.4
	6.7	96.9
	5.8	97.8
W. line	4.2	99.4

225' N

W. line	2.3	101.3
	4.7	98.9
	7.0	96.6
C	8.2	95.4
	9.7	93.9
	11.1	92.5
E. line	12.8	90.8

		250' N		
E	E. line		14.4	89.2
			11.7	91.9
			10.3	93.3
	C		8.6	95.0
			7.8	95.8
			5.4	98.2
	W. line		3.4	100.2
		275' N		
	W. line		3.8	99.8
			6.3	97.3
			7.7	95.9
	C		8.6	95.0
			10.2	93.4
			11.9	91.7
	E line		14.5	89.1

		South line B.		
E line			14.8	88.8
			13.3	90.3
			11.6	92.0
	C		9.5	94.1
			7.5	96.1
			6.7	96.9
	W line		3.8	99.8
		So. Cb.		
	W line		5.3	98.3
			6.8	96.8
			7.1	96.5
	C		5.8	94.8
			11.5	92.1
			13.0	90.6
	E line	H.I. 93.46	5.6	87.9

So. 1/4

E. line			5.8	87.7
	H.I.	103.62	13.6	90.0
			11.9	91.7
C			9.0	94.6
			7.1	96.5
			6.1	97.5
W. line			4.6	99.0
		Center		
W. line			3.6	100.0
			4.5	99.1
			7.8	95.8
C			10.1	93.5
			12.1	91.5
			13.7	89.9
E. line	H.I.	93.46	6.6	86.9

N. 1/4

E. line	H.I.	93.46	6.4	87.1
	H.I.	103.62	13.9	89.7
			12.1	91.5
C			9.9	93.7
			7.7	95.9
			4.2	99.4
W. line			2.8	100.8
		N. Cb.		
W. line			3.2	100.4
			4.9	98.7
			7.9	95.7
C			9.6	94.0
			11.4	92.2
			13.9	89.7
E. line	H.I.	93.46	6.3	87.2

North line B.

E.line			6.7	86.8
			4.4	89.1
	H.I.	103.62	12.3	91.3
C			10.1	93.5
			7.7	95.9
			5.5	98.1
W.line			2.9	100.7

25' N

W.line			3.5	100.1
			6.0	97.6
			7.8	95.8
C			10.4	93.2
			13.0	90.6
	H.I.	93.46	5.0	88.5
E.line			7.3	86.2

50' N

E.line			8.4	85.1
			5.8	87.7
	H.I.	103.62	14.1	89.5
C			12.2	91.4
			9.4	94.2
			7.3	96.3
W.line			4.6	99.0

75' N

W.line			5.8	97.8
cb			8.4	95.2
1/4			11.0	92.6
C			12.8	90.8
1/4	H.I.	93.46	4.5	89.0
cb			6.6	86.9
E.line			8.9	84.6

		100' N		
E. line			9.7	83.8
			7.5	86.0
			4.8	88.7
C	H.I.	103.62	13.1	90.5
			11.7	91.9
			9.7	93.9
W. line			6.7	96.9
		125' N		
W. line			6.8	96.8
			10.2	93.4
			12.1	91.5
C			13.3	90.3
			14.6	89.0
	H.I.	93.46	7.1	86.4
E. line			10.1	83.4

	140' N. So. line alley			
E. line			10.1	83.4
			7.8	85.7
			5.4	88.1
C	H.I.	103.62	14.3	89.3
			12.6	91.0
			10.9	92.7
W. line			7.6	96.0
	160' North line alley			
W. line	H.I.	95.31	-0.5	95.8
			1.7	93.6
			4.1	91.2
C			5.8	89.5
			8.1	87.2
			9.9	85.4
E. line			11.6	83.7

175' N

E. line	11.8	88.5
	9.9	85.4
	8.5	86.8
C	6.2	89.1
	3.9	91.4
	2.5	92.8
W. line	0.3	95.0

200' N

W. line	0.7	94.6
	2.8	92.5
	5.0	90.3
C	6.9	88.4
	8.2	87.1
	9.7	85.6
E. line	10.9	84.4

225' N

E. line	11.2	84.1
	9.8	45.5
	7.9	87.4
C	6.4	88.9
	5.2	90.1
	2.2	93.1
W. line	0.3	95.0

250' N

W. line	1.2	94.1
	3.3	92.0
	5.6	89.7
C	7.1	88.2
	8.6	86.7
	9.1	86.2
E. line	10.1	85.2

275' N

E line			11.3	84.0
			9.8	85.5
			8.1	87.2
C			6.9	88.4
			5.7	89.6
			3.9	91.4
W line			1.9	93.4

South line "A" Street.

W line	H.I.	95.31	2.4	82.9
			4.1	91.2
			5.5	89.8
C			7.2	88.1
			9.4	85.9
			10.5	84.8
E line			11.2	84.1

So. cl

E line	10.7	84.6
	10.0	85.3
	7.7	87.6
C	6.7	88.6
	5.4	89.9
	4.1	91.2
W line	1.9	93.4

So. 1/4

W line	1.4	93.9
	4.6	90.7
	5.3	90.0
C	6.6	88.7
	8.6	86.7
	9.9	85.4
E line	10.2	85.1

Center

E line	10.2	85.1
	9.3	86.0
	8.6	86.7
C	7.4	87.9
	5.7	89.6
	4.5	90.8
W line	2.9	92.4

N. ¼

W line	3.5	91.8
	4.6	90.7
	6.7	88.6
C	8.1	87.2
	8.7	86.6
	9.2	86.1
E line	9.9	85.4

N. C6

E line	10.0	85.3
	8.8	86.5
	7.9	87.4
C	7.4	87.9
	6.8	88.5
	4.8	90.5
W line	2.8	92.5

North line A Street

W line	2.3	93.0
	5.1	90.2
	6.5	88.8
C	7.6	87.7
	8.2	87.1
	9.4	85.9
E line	10.3	85.0

25' N

E line	6.7	88.6	
	7.0	88.3	
	7.8	87.5	
C	9.5	85.8	
	7.9	87.4	
	6.3	89.0	
W line	3.9	91.4	

50' N

W line	5.8	89.5	
	7.7	87.6	
	5.5	89.8	
C	5.4	89.9	
	5.2	90.1	
	4.1	91.2	
E line	3.0	92.3	

75' N

E line	0.6	94.7	
	1.9	93.4	
	2.8	92.5	
C	3.4	91.9	
	3.9	91.4	
1/4+8'	4.5	90.8	
cl	7.3	88.0	
W line	4.6	90.8	

100' N

W line	4.7	90.6	
	2.6	92.7	
	1.5	93.8	
C	0.6	94.7	
	0.1	95.2	
H.I. 98.53	2.4	96.1	
E line	1.3	97.2	

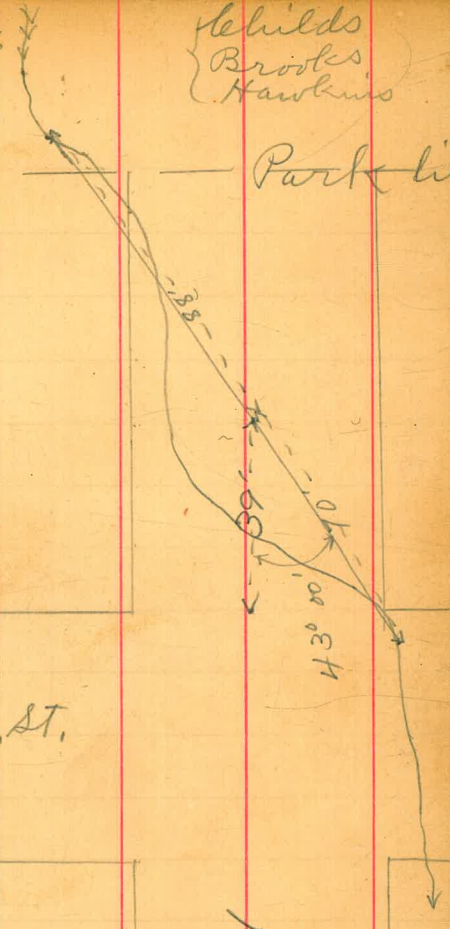
110' N Park line

E line	0.4	98.1
	1.6	96.9
	2.3	96.2
C	2.9	95.6
	3.6	94.9
	4.6	93.9
W line	6.0	92.5

Jan 6. 1906

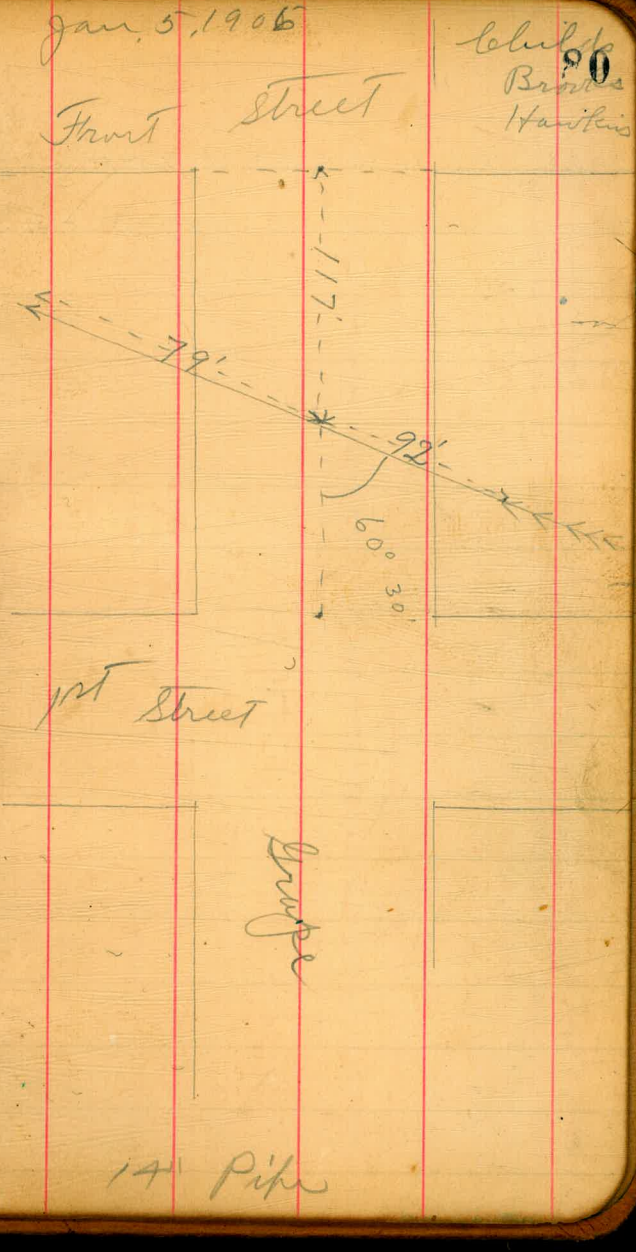
McFields
Brooks
Hawkins

Park line



Jan. 5. 1906

McFields
Brooks
Hawkins



232.66 – SPIKE IN FENCE N.E. FERN & 'A'

204.58 – SPIKE IN PHONE POLE N.W. COR "B" & 31 ST.

8.70
116.95
125.00
124.85

6.25
2316 95
123.20

116.75
7.55
124.30

3.47
78.02
81.49
74.27
7.22

116.75
6.85
123.60

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74.27
7.05
81.32

7.55
124.30

81.32
8.30
73.02
4.68
77.70
0.67
77.03
5.15
82.18

4.27
78.15
82.42

Return to City Engineers Office
City Hall, San Diego, Cal.

TRAVERSE TABLE FOR TRANSIT BOOK.

From 1° to 90° for a distance of 100.

Degrees.	DEGREES.		¼ DEGREE.		½ DEGREE.		¾ DEGREE.		Degrees.
	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	
0			100.00	0.44	100.00	0.87	99.99	1.31	89
1	99.98	1.75	99.98	2.18	99.97	2.62	99.95	3.05	88
2	99.94	3.49	99.92	3.93	99.91	4.36	99.88	4.80	87
3	99.86	5.23	99.84	5.67	99.81	6.10	99.79	6.54	86
4	99.76	6.98	99.73	7.41	99.69	7.85	99.66	8.28	85
5	99.62	8.72	99.58	9.15	99.54	9.58	99.50	10.02	84
6	99.45	10.45	99.41	10.89	99.36	11.32	99.31	11.75	83
7	99.25	12.19	99.20	12.62	99.14	13.05	99.09	13.49	82
8	99.03	13.92	98.97	14.35	98.90	14.78	98.84	15.21	81
9	98.77	15.64	98.70	16.07	98.63	16.50	98.56	16.93	80
10	98.48	17.36	98.40	17.79	98.33	18.22	98.25	18.65	79
11	98.16	19.08	98.08	19.51	97.99	19.94	97.90	20.36	78
12	97.81	20.79	97.72	21.22	97.63	21.64	97.53	22.07	77
13	97.44	22.50	97.34	22.92	97.24	23.34	97.13	23.77	76
14	97.03	24.19	96.92	24.62	96.81	25.04	96.70	25.46	75
15	96.59	25.88	96.48	26.30	96.36	26.72	96.25	27.14	74
16	96.13	27.56	96.00	27.98	95.88	28.40	95.76	28.82	73
17	95.63	29.24	95.50	29.65	95.37	30.07	95.24	30.49	72
18	95.11	30.90	94.97	31.32	94.83	31.73	94.69	32.14	71
19	94.55	32.56	94.41	32.97	94.26	33.38	94.12	33.79	70
20	93.97	34.20	93.82	34.61	93.67	35.02	93.51	35.43	69
21	93.36	35.84	93.20	36.24	93.04	36.65	92.88	37.06	68
22	92.72	37.46	92.55	37.86	92.39	38.27	92.22	38.67	67
23	92.05	39.07	91.88	39.47	91.71	39.87	91.53	40.27	66
24	91.35	40.67	91.18	41.07	91.00	41.47	90.81	41.87	65
25	90.63	42.26	90.45	42.66	90.26	43.05	90.07	43.44	64
26	89.88	43.84	89.69	44.23	89.49	44.62	89.30	45.01	63
27	89.10	45.40	88.90	45.79	88.70	46.17	88.50	46.56	62
28	88.29	46.95	88.09	47.33	87.88	47.72	87.67	48.10	61
29	87.46	48.48	87.25	48.86	87.04	49.24	86.82	49.62	60
30	86.60	50.00	86.38	50.38	86.16	50.75	85.94	51.13	59
31	85.72	51.50	85.49	51.88	85.26	52.25	85.04	52.62	58
32	84.80	52.99	84.57	53.36	84.34	53.73	84.10	54.10	57
33	83.87	54.46	83.63	54.83	83.39	55.19	83.15	55.56	56
34	82.90	55.92	82.66	56.28	82.41	56.64	82.16	57.00	55
35	81.92	57.36	81.66	57.71	81.41	58.07	81.16	58.42	54
36	80.90	58.78	80.64	59.13	80.39	59.48	80.13	59.83	53
37	79.86	60.18	79.60	60.53	79.34	60.88	79.07	61.22	52
38	78.80	61.57	78.53	61.91	78.26	62.25	77.99	62.59	51
39	77.71	62.93	77.44	63.27	77.16	63.61	76.88	63.94	50
40	76.60	64.28	76.32	64.61	76.04	64.94	75.76	65.28	49
41	75.47	65.61	75.18	65.93	74.90	66.26	74.61	66.59	48
42	74.31	66.91	74.02	67.24	73.73	67.56	73.43	67.88	47
43	73.14	68.20	72.84	68.52	72.54	68.84	72.24	69.15	46
44	71.93	69.47	71.63	69.78	71.33	70.09	71.02	70.40	45
45	70.71	70.71							
Degrees.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Degrees.
	DEGREES.		¾ DEGREE.		½ DEGREE.		¼ DEGREE.		

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